

Laura LÃ³pez-Mir

List of Publications by Year in descending order

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1040056

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docs citations

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times ranked

547
citing authors

#	ARTICLE	IF	CITATIONS
1	Bipolar resistive switching on TiO ₂ /Au by conducting Atomic Force Microscopy. Materials Today: Proceedings, 2019, 14, 100-103.	1.8	1
2	Spontaneous in-flight assembly of magnetic nanoparticles into macroscopic chains. Nanoscale, 2019, 11, 14194-14202.	5.6	20
3	Nonstoichiometry Driven Ferromagnetism in Double Perovskite La ₂ Ni _{1-x} Mn _{1+x} O ₆ Insulating Thin Films. Crystal Growth and Design, 2019, 19, 2765-2771.	3.0	14
4	Direct Mapping of Phase Separation across the Metal-Insulator Transition of NdNiO ₃ . Nano Letters, 2018, 18, 2226-2232.	9.1	42
5	Magnetic anisotropy and valence states in $L_{1-x}A_xMn_2O_7$. <small>xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">L</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">o</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>ã</mml:mo><mml:mi>x</mml:mi></mml:mrow></small></small>	3.2	15
6	Formation of Self-Organized Mn ₃ O ₄ Nanoinclusions in LaMnO ₃ Films. Frontiers in Physics, 2016, 4, .	2.1	9
7	Growth Instabilities as a Source of Surface Chemical Structuration in Functional Perovskite Thin Films. Crystal Growth and Design, 2016, 16, 5479-5486.	3.0	0
8	Strain-induced perpendicular magnetic anisotropy in La ₂ CoMnO ₆ thin films and its dependence on film thickness. Physical Review B, 2016, 93, .	3.2	25
9	Micro and nano-patterning of single-crystal diamond by swift heavy ion irradiation. Diamond and Related Materials, 2016, 69, 1-7.	3.9	9
10	Prominent local transport in silicon carbide composites containing in-situ synthesized three-dimensional graphene networks. Journal of the European Ceramic Society, 2016, 36, 3073-3081.	5.7	10
11	Giant reversible nanoscale piezoresistance at room temperature in Sr ₂ IrO ₄ thin films. Nanoscale, 2015, 7, 3453-3459.	5.6	24
12	Engineering the microstructure and magnetism of La ₂ CoMnO ₆ thin films by tailoring oxygen stoichiometry. Applied Physics Letters, 2014, 105, .	3.3	22
13	Communication: Growing room temperature ice with graphene. Journal of Chemical Physics, 2013, 138, 121101.	3.0	24